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Title *A Soft Computing Techniques for Metamaterials : A Cross-indexed Bibliography (2003 - 2012)*

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Abstract

In this report, a cross-indexed bibliography of soft computing for metamaterials is presented. The database comprises of a systematic arrangement of technical papers, including those from journals and symposia proceedings. These are in chronological order from 2003 to 2012. The references are classified from different types of techniques, such as neural network, genetic algorithm, particle swarm optimization, etc. This is followed by the indexing of the various themes therein (e.g., design, applications, extensions of the algorithms, etc.). The Author and Source indices are also listed. An exhaustive subject index has also been prepared for all the papers listed in this bibliography. This report is expected to provide a comprehensive source for referencing the emerging soft computing techniques systematically for metamaterials from varied perspectives.